

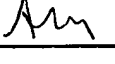




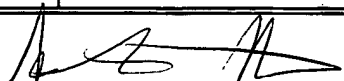

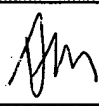
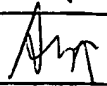

		ATTY. DOCKET NO. A-58631-5/RFT/DJM		SERIAL NO. 09/991,262				
		APPLICANT: CHRISTIAN et al.						
		FILING DATE November 30, 2001		GROUP 1638				
PTO-1449								
U.S. PATENT DOCUMENTS								
EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	1	5,508,186	4/1996	Young et al.	435	235		
	2	5,135,917	8/1992	Burch	514	44		
	3	5,254,678	10/1993	Haseloff et al.	536	23.2		
FOREIGN PATENT DOCUMENTS								
EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
	4	Agrawal et al., "Assembly of the T=4 Nudaurelia capensis ω Virus Capsid Protein, Post-Translational Cleavage, and Specific Encapsidation of Its mRNA in a Baculovirus Expression System," Virology, 207(1):89-97 (1995)						
	5	Hanzlik, et al., "A novel small RNA virus isolated from the cotton bollworm, Helicoverpa armigera," Journal of General Virology, 74:1805-1810 (1993).						
	6	Agrawal et al., "Sequence and Analysis of the Capsid Protein of Nudaurelia Capensis ω Virus, an Insect Virus with T=4 Icosahedral Symmetry," Virology, 190:806-814 (1992).						
	7	Rubinstein et al., "Short Communications: The Nucleic Acids of Viruses Infecting Heliothis armigera," Virology, 69:323-326 (1976).						
	8	Dasmahapatra et al., "Infectious RNA derived by transcription from cloned cDNA copies of the genomic RNA of an insect virus," Proc. Natl. Acad. Sci. USA, 83:63-66 (1986).						
	9	Hahn et al., "Infectious Sindbis virus transient expression vectors for studying antigen processing and presentation," Proc. Natl. Acad. Sci. USA, 89:2679-2683 (1992).						
	10	McCutchen et al., "Development of a Recombinant Baculovirus Expressing an Insect-Selective Neurotoxin: Potential for Pest Control," Bio/Technology, 9:848-852 (1991).						
	11	Scotti et al., "The Biology and Ecology of Strains of an Insect Small RNA Virus Complex," Advances in Virus Research, 26:117-143 (1981).						
	12	Meinke et al., "Unusual Sequence Organization in CenB, an Inverting Endoglucanase from Cellulomonas fimi," J. Bacterio., 173(1):308-314 (1991).						
EXAMINER				DATE CONSIDERED				
				1/15/04				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		ATTY. DOCKET NO. A-58631-5/RFT/DJM		SERIAL NO. 09/991,262	
		APPLICANT: CHRISTIAN et al.			
		FILING DATE November 30, 2001		GROUP 1638	
U.S. PATENT DOCUMENTS					
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	FILING DATE
FOREIGN PATENT DOCUMENTS					
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS Translation Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
Am	13	Cavarelli, et al., "Crystallization and Preliminary Structure Analysis of an Insect Virus with T=4 Quasi-Symmetry: Nudaurelia capensis ω Virus," Acta. Cryst, B47, 23-29 (1991).			
	14	Christian et al., "Insect Viruses: New Strategies for Pest Control," Chapter 4 of Molecular Approaches to Fundamental and Applied Entomology, (J. Oakeshott, M. Whitten, Ed.) New York: Springer-Verlag: 128-123 (1995).			
	15	Green et al., "Systematic Generation of Sequence-Tagged Sites for Physical Mapping of Human Chromosomes: Application to the Mapping of Human Chromosome 7 Using Yeast Artificial Chromosomes," Genomics, 11:548-564 (1991).			
	16	Gillies et al., "Antigen binding and biological activities of engineered mutant chimeric antibodies with human tumor specificities," Human Antibodies and Hybridomas., 1(1):47-54 (1990).			
	17	Capon et al., "Two distinct families of human and bovine interferon- α genes are coordinately expressed and encode functional Polypeptides," Molecular and Cellular Biology, 5(4):768-779 (1985).			
	18	O'Conner et al., "An extra copy of nimE cyclinB elevates pre-MPF levels and partially suppresses mutation of numTcdc25 in Aspergillus nidulans," The EMBO Journal, 11(6):2139-2149 (1992).			
↓	19	Burgess et al., "Possible Dissociation of the Heparin-binding and Mitogenic Activities of Heparin-binding (Acidic Fibroblast) Growth Factor-1 from its Receptor-binding Activities by Site-directed Mutagenesis of a Single Lysine Residue," J. Cell Biol., 11:2129-2138 (1990).			
Am	20	Lazar et al., "Transforming Growth Factor α : Mutation of Aspartic Acid 47 and Leucine 48 results in Different Biological Activities," Molecular and Cellular Biology, 8(#):1247-1252 (1988).			
EXAMINER			DATE CONSIDERED		
			1/15/04		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

8085 1449A.FRM (8/95) [558795]

 <p>INFORMATION DISCLOSURE CITATION</p> <p>PTO-1449</p>		ATTY. DOCKET NO. A-58631-5/RFT/DJM		SERIAL NO. 09/991,262				
		APPLICANT: CHRISTIAN et al.						
		FILING DATE November 30, 2001		GROUP 1638				
U.S. PATENT DOCUMENTS								
EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
FOREIGN PATENT DOCUMENTS								
EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
	21	Tao et al., "Studies of Aglycosylated Chimeric Mouse-Human IgG. Role of Carbohydrate in the Structure and Effector Functions Mediated by the Human IgG Constant Region," The Journal of Immunology, 143(8):2595-2601 (1989).						
	22	Vaeck et al., "Transgenic plants protected from insect attack," Nature, 328:33-37 (1987).						
	23	Fischhoff et al., "Insect Tolerant Transgenic Tomato plants," Bio/Technology, 5:807-813 (1987).						
	24	Tiong et al., "Microbial Control of an Outbreak of Darna trima (Moore) and oil palm (Elaeis guineensis Jacq.) in Sarawak (Malaysian Borneo)." Proc. Malays. Int. Agric. Oil. Conf., 624-639 (1976).						
	25	Garzon et al., "Nodaviridae," Atlas of Invertebrates Virus, (Eds. J.R. Adam and J.R. Bonami), CRC Press, 351-593 (1991).						
	26	Hendry et al., "Nodaviridae of Invertebrates," Viruses of Invertebrates, (Ed. E. Kurtak) 227-275.						
	27	Desmier et al., "Use of Microbial Pesticides for field crops, the case of viruses to control oil palm and coconut leaf-eating caterpillars," Proceedings to the Biotechnology for Tropical Plant Protection Conference, Abstract, Kuala Lumpur, August 1992, Malaysian Plant Protection Society.						
	28	Bawden et al., "The Specificity of Helicoverpa armigera Stunt Virus Infectivity," Journal of Invertebrate Pathology, 74:156-163 (1999).						
	29	Rubinstein et al., "A nonoccluded Virus of the American Bollworm, Heliothis Armigera (HUBN)," Phytophylactica, 11:179-180 (1979).						
	30	Tam et al., "Hepatitis E Virus (HEV): Molecular cloning and Sequencing og the Full Length Viral Genome," Virology, 185:120-131 (1991).						
	31	Moore, N.F., "The Nudaurelia Beta Family of Insect Viruses," Viruses of Invertebrates. Marcel Dekker: New York. Ed: E. Kurstak, 277-299 (1991).						
EXAMINER				DATE CONSIDERED		1/15/04		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.